

08/10/90

ISSUE CLASSIFICATION	
Class	Subclass

**U.S. UTILITY Patent Application**

SA O.I.P.E. PATENT DATE  
SCANNED 553 Q.A. MT

APPLICATION NO. 09/846527	CONT/PRIOR	CLASS 348	SUBCLASS 601	ART UNIT 26 14	EXAMINER H. Tran
------------------------------	------------	--------------	-----------------	-------------------	---------------------

David Koon

Method and apparatus for echo cancellation in digital ATV systems using an echo cancellation reference signal

**PTO-2040**  
**12/99**

**Best Available Copy**

[illegible]

ISSUING CLASSIFICATION												
ORIGINAL				CROSS REFERENCE(S)								
CLASS		SUBCLASS		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)							
INTERNATIONAL CLASSIFICATION												

☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>		<b>CLAIMS ALLOWED</b>			
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.	
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)		<b>NOTICE OF ALLOWANCE MAILED</b>   			
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____ _____ _____	_____ (Primary Examiner) (Date)		<b>ISSUE FEE</b> <table border="1"> <tr> <td>Amount Due</td> <td>Date Paid</td> </tr> </table>		Amount Due	Date Paid
Amount Due	Date Paid					
<input type="checkbox"/> The terminal ____months of this patent have been disclaimed.	_____ (Legal Instruments Examiner) (Date)		<b>ISSUE BATCH NUMBER</b>			
<b>WARNING:</b> The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.						

Form PTO-438A  
(Rev. 6/89)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM  
(Attached in pocket on right inside flap)

(FACE)